

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Clean Water Act, as amended, (33 U.S.C. §§1251 et seq.; the "CWA"), and the Massachusetts Clean Water Act, as amended, (M.G.L. Chap. 21, §§ 26-53)

Boston Ship Repair, Inc.
32A Dry Dock Ave.
Boston, MA 02210

is authorized to discharge from the facility located at

32A Dry Dock Ave.
Boston, MA

to receiving water named

Boston Harbor to Massachusetts Bay (Boston Harbor Basin, MA70-02)

in accordance with effluent limitations, monitoring requirements and other conditions set forth herein.

This permit shall become effective (60) sixty days from the date of signature.

This permit and the authorization to discharge expire at midnight, September 30, 2006

This permit consists of 6 pages in Part I including effluent limitations, monitoring requirements, and state permit conditions, 35 page Best Management Practices Plan and 35 pages in Part II including General Conditions and Definitions.

Signed this 3rd day of April, 2002

/Signature on file/

Linda M. Murphy, Director
Office of Ecosystem Protection
Environmental Protection Agency
Boston, MA

Director, Division of Watershed Management
Bureau of Resource Protection
Department of Environmental Protection
Commonwealth of Massachusetts
Boston, MA

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of the permit and lasting through expiration, the permittee is authorized to discharge through **outfall serial number 001**: Graving Dock Dewatering (Main Pump). Such discharge shall be limited and monitored by the permittee as specified below:

OUTFALL 001

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Average Monthly	Maximum Daily	Measurement Frequency	Sample Type
Total Flow	*****	Report MG	Once per discharge	Estimate

2. During the period beginning on the effective date of the permit and lasting through expiration, the permittee is authorized to discharge through **outfall serial number 002**: Graving Dock Dewatering (Stripping Pump). Such discharge shall be limited and monitored by the permittee as specified below:

OUTFALL 002

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Average Monthly	Maximum Daily	Measurement Frequency	Sample Type
Total Flow	*****	Report MG	Once per discharge	Estimate

The permittee is responsible for the implementation of all appropriate best management practices (BMPs) for ALL discharges and facility operations. The Best Management Practices Document, dated January, 2002 (Permit Attachment A) is a fully enforceable element of this permit.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (CONTINUED)

3. During the period beginning on the effective date of the permit and lasting through expiration, the permittee is authorized to discharge through **outfall serial number 003**: Fire Suppression Main and Cooling Pump (non-contact ocean Water). Such discharge shall be limited and monitored by the permittee as specified below:

OUTFALL 003

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Average Monthly	Maximum Daily	Measurement Frequency	Sample Type
Flow	*****	Report MGD	When Discharging	Estimate

4. During the period beginning on the effective date of the permit and lasting through expiration, the permittee is authorized to discharge through **outfall serial number 005**: Caisson Ballast Water (Ocean Water). Such discharge shall be limited and monitored by the permittee as specified below:

OUTFALL 005

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Average Monthly	Maximum Daily	Measurement Frequency	Sample Type
Total Flow	*****	Report MG	Once per discharge	Estimate

The permittee is responsible for the implementation of all appropriate best management practices (BMPs) for ALL discharges and facility operations. The Best Management Practices Document, dated January 2002(Permit Attachment A) is a fully enforceable element of this permit.

Part I.A. (Continued)

- a. There shall be no discharge of floating solids or visible foam in other than trace amounts.
- b. Pollutants which are not limited by this permit, but which have been specifically disclosed in the permit application, may be discharged up to the frequency and level disclosed in the application, provided that such discharge does not violate Section 307 or 311 of the Clean Water Act (CWA) or applicable state water quality standards.
- c. The effluent shall not contain materials in concentrations or in combinations which are hazardous or toxic to aquatic life or which would impair the uses designated by the classification of the receiving waters.
- d. Discharges to the Boston Harbor shall be adequately treated to insure that the surface water remains free from pollutants in concentrations or combinations that settle to form harmful deposits, float as foam, debris, scum or other visible pollutants. They shall be adequately treated to insure that the surface waters remain free from pollutants which produce odor, color, taste, or turbidity in the receiving water which is not naturally occurring and would render it unsuitable for its designated uses.
- e. All existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Director as soon as they know or have reason to believe (40 CFR §122.42):
 - (1) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels:"
 - (a) One hundred micrograms per liter (100 ug/l);
 - (b) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR §122.21(g)(7); or
 - (c) Any other notification level established by the Director in accordance with 40 CFR §122.44(f) and Massachusetts regulations.
 - (2) That any activity has occurred or will occur which would result in the discharge, on a non-routine or infrequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels:"
 - (a) Five hundred micrograms per liter (500 ug/l);
 - (b) One milligram per liter (1 mg/l) for antimony;
 - (c) Ten (10) times the maximum concentration value reported for that

pollutant in the permit application in accordance with 40 CFR §122.21(g)(7); or

- (d) Any other notification level established by the Director in accordance with 40 CFR §122.44(f) and Massachusetts regulations.
- (3) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the permit application.

C. EPA AND MADEP NOTIFICATION OF DRY DOCK FLOODING

The permittee shall, where practicable, provide seventy two hour advanced notice to both EPA and MADEP prior to flooding the dry dock during vessel undocking. For brief duration repairs, the permittee may reduce the prior notification period to twenty four hours. EPA and MADEP shall be notified at the numbers below.

EPA - (617) 918-1715

MADEP - (978) 661-7600

D. MONITORING AND REPORTING

Monitoring results obtained during the previous calendar quarter shall be summarized for each quarter and reported on separate discharge monitoring report (DMR) forms postmarked no later than the 15th day of the month following the first quarter after the effective date of the permit.

Signed and dated originals of these, and all other reports required herein, shall be submitted to the Director and the State at the following addresses:

U.S. Environmental Protection Agency
Water Technical Unit (SEW)
P.O. Box 8127
Boston, Massachusetts 02114

The State Agency is:

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention
205A Lowell Street
Wilmington, MA 01887

In addition, copies of all Discharge Monitoring Reports shall be submitted to the following address:

Massachusetts Department of Environmental Protection
Division of Watershed Management
Surface Water Discharge Permit Program
627 Main Street
Worcester, MA 01608

E. STATE PERMIT CONDITIONS

This discharge permit is issued jointly by the U. S. Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection (DEP) under federal and state law, respectively. As such, all the terms and conditions of this permit are hereby incorporated into and constitute a discharge permit issued by the Commissioner of the MA DEP pursuant to M.G.L. Chap. 21, §43.

Each agency shall have the independent right to enforce the terms and conditions of this permit. Any modification, suspension or revocation of this permit shall be effective only with respect to the agency taking such action, and shall not affect the validity or status of this permit as issued by the other agency, unless and until each agency has concurred in writing with such modification, suspension or revocation. In the event any portion of this permit is declared, invalid, illegal or otherwise issued in violation of state law such permit shall remain in full force and effect under federal law as an NPDES Permit issued by the U.S. Environmental Protection Agency. In the event this permit is declared invalid, illegal or otherwise issued in violation of federal law, this permit shall remain in full force and effect under state law as a permit issued by the Commonwealth of Massachusetts.